

METHOD AND SYSTEM FOR ADAPTIVE PREFETCHING

ABSTRACT OF THE DISCLOSURE

5           A cache server (18) may prefetch one or more web  
pages (30) from an origin server (16) prior to those web  
pages being requested by a user (13). The cache server  
determines which web pages to prefetch based on a graph  
10       (42) associated with a prefetch module (40) associated  
with the cache server. The graph represents all or a  
portion of the web pages at the origin server using one  
or more nodes (130) and one or more links (100)  
connecting the nodes. Each link has an associated  
transaction weight (102) and user weight (104). The  
15       transaction weight represents the importance of the link  
and associated web page to the origin server and may be  
used to control the prefetching of web pages by the cache  
server. The user weight may be used to change a priority  
(46) associated with a request (22) for a web page. The  
20       user weight and transaction weight may change based on  
criteria (50) associated with the origin server.